

**RECORD OF PERFORMANCE QUALIFICATIONS  
FN**

**INSTRUCTIONS**

Record of Performance Qualifications shall be completed for enlisted personnel of the Coast Guard and Coast Guard Reserve as outlined in the Enlisted Qualifications Manual (COMDTINST M1414.8, series). As proficiency in each performance qualification is demonstrated, the DATE and INITIALS column shall be completed. Personnel are required to demonstrate proficiency in all new qualifications assigned to their rating. Qualifications previously demonstrated, dated and initialed off will not be recertified.

Prior to commencement of ADT, the member's Reserve Unit shall indicate, by circling in red, those qualifications which cannot be completed during inactive duty and should be completed on ADT.

**RATING**

**FIREMAN**

**ABBREVIATION**

**FN**

**DATE COMPLETED ALL PERFORMANCE QUALIFICATIONS FOR RATE LEVEL**

**E-4**

**E-5**

**E-6**

**E-7**

**E-8**

**E-9**

**NAME** *(Last, First, Middle Initial)*

**SOCIAL SECURITY NUMBER**

SIGNATURE OF SUPERVISOR				
DATE	NAME/SIGNATURE	INITIALS	RATE	UNIT

REMARKS

RATING: FIREMAN (FN)	INIT	DATE
<p><u>QUALIFICATIONS FOR ADVANCEMENT</u> <u>PRACTICAL FACTORS</u></p> <p>A. Engineering Organization and Watch Standing</p> <p>3.01 <b>Perform</b> the duties of a fireman in accordance with the specific requirements of your unit.</p> <p>3.02 <b>Physically trace</b> engineering piping for firemain, hydraulic, lube-oil, and fuel-only systems.</p> <p>3.03 <b>Stand</b> required engineering watches.</p> <p>3.04 <b>Maintain</b> designated logs.</p> <p>3.05 <b>Locate, identify, and use</b> the Naval Engineering Manual (COMDTINST M9000.6 series), NAVSHIPS Technical Manuals, Commandant's Instructions, Coating and Color Manual (CG-263), Blueprints, Watch, Quarter and Station Bill, and other publications and technical manuals pertinent to the Engineering Department.</p> <p>B. Damage Control and Fire Fighting Equipment</p> <p>3.01 <b>Identify</b> and, under proper supervision, <b>use</b> equipment in Damage Control Lockers.</p> <p>3.02 <b>Identify</b> and, under proper supervision, <b>operate</b> fire-fighting and dewatering pumps.</p> <p>3.03 Under proper supervision, <b>line-up, operate, and secure</b> installed fire and bilge pumps.</p> <p>3.04 <b>Set and maintain</b> Material Conditions of Readiness.</p> <p>C. General Purpose Tools</p> <p>3.01 <b>Identify your shops</b> common hand and power tools and <b>demonstrate</b> their proper use and care.</p> <p>3.02 <b>Identify the common fasteners found in your shop.</b></p>		
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RATING: FIREMAN (FN)	INIT	DATE
<p>D. Internal Combustion Engines</p> <p>3.01 Under proper supervision, <b>start, operate, secure,</b> and <b>assist</b> in performing maintenance on internal combustion engines.</p> <p>E. Auxiliaries</p> <p>3.01 <b>Locate</b> and <b>identify</b> all engineering auxiliary equipment at your unit.</p> <p>3.02 Under proper supervision, <b>start, operate, secure,</b> and <b>assist</b> in performing maintenance on auxiliary equipment.</p> <p>3.03 <b>Demonstrate</b> proper use and application of lubricants and solvents commonly used at your unit.</p> <p>F. Basic Electricity</p> <p>3.01 Under proper supervision, <b>start, operate, secure,</b> and <b>assist</b> in performing maintenance on electrical equipment.</p> <p>G. Safety</p> <p>3.01 <b>Identify</b> and <b>practice</b> applicable Safety precautions when working or standing a watch.</p> <p>2. KNOWLEDGE FACTORS</p> <p>A. ENGINEERING ORGANIZATION AND WATCHSTANDING</p> <p>3.01 <b>List</b> engineering watch standing procedures.</p> <p>3.02 <b>Describe</b> the organizational structure of your unit's Engineering Department.</p> <p>B. Damage Control and Fire Fighting Equipment</p> <p>3.01 <b>Identify</b> equipment required in <b>Your units</b> Damage Control Locker.</p> <p>C. General Purpose Tools.</p> <p>3.01 <b>Identify</b> and <b>state</b> the uses of common hand and power tools.</p> <p>3.02 <b>State</b> the procedures for care and use of common hand and power tools.</p>		
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RATING: Fireman (FN)	INIT	DATE
<p>3.02 <b>State</b> how the following equipment is operated:</p> <ul style="list-style-type: none"> <li>a. Oxygen breathing apparatus (OBA).</li> <li>b. Oxygen Indicators.</li> <li>c. Combustible gas indicator.</li> <li>d. CG all-purpose nozzles.</li> <li>e. AFFF nozzles.</li> <li>f. In-line proportions.</li> <li>g. Fire hose fittings.</li> <li>h. Portable ventilating blowers.</li> <li>i. Overhaul equipment.</li> <li>j. Steel shoring.</li> <li>k. Hull patching equipment.</li> <li>l. Pipe patching equipment.</li> <li>m. Portable lanterns.</li> </ul> <p>3.03 <b>State</b> the uses of fire fighting and de-watering and de-watering pumps.</p> <p>3.04 <b>Explain</b> the different Material Conditions of Readiness and how to set and maintain them.</p> <p>3.05 <b>Describe</b> compartment numbering systems used in the Coast Guard.</p> <p><b>D. INTERNAL COMBUSTION ENGINES</b></p> <p>3.01 <b>Identify</b> the following internal combustion engines:</p> <ul style="list-style-type: none"> <li>a. Gasoline</li> <li>b. Diesel.</li> <li>c. Gas turbine.</li> </ul> <p>3.02 <b>Explain</b> the basic principles of operation of the following internal combustion engines.:</p> <ul style="list-style-type: none"> <li>a. Gasoline</li> <li>b. Diesel.</li> <li>c. Gas turbine.</li> </ul> <p><b>E. AUXILIARIES</b></p> <p>3.01 <b>Explain</b> the basic operating principles of auxiliary equipment, e.g., boilers, evaporators, refrigeration equipment, air compressors, sewage systems, and hydraulic systems.</p>		
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<p><b>F. BASIC ELECTRICITY</b></p> <p>3.01 <b>Define</b> the following electrical terms:</p> <ul style="list-style-type: none"> <li>a. Voltage.</li> <li>b. Current.</li> <li>c. Resistance</li> <li>d. Power.</li> </ul> <p>3.02 <b>Show</b> the relationship among power, current, and voltage by solving problems.</p> <p>3.03 <b>Define</b> and identify electrical conductors and insulators.</p> <p>3.04 <b>Identify</b> and explain the differences between dry cell and wet cell batteries.</p> <p>3.05 <b>Identify</b> and explain the uses of common electrical equipment.</p> <p><b>G. SAFETY</b></p> <p>3.01 <b>List</b> the safety precautions required when:</p> <ul style="list-style-type: none"> <li>a. Working on or around machinery.</li> <li>b. Using hand and power tools.</li> <li>c. Working on or around electrical equipment.</li> <li>d. Handling hazardous or toxic materials, IAW material safety data sheets.</li> <li>e. Entering or working in tanks, voids, and unventilated spaces.</li> </ul>		
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